Author Index Volume 73 (1992)

Aguilella, V.M., 191
Ahn, J., 87

Bandini, S., 217
Bargeman, D., 143
Bartolo, L.D., 203
Bauser, H., 181
Beckman, I.N., 73
Behling, R.-D., 119
Bleha, M., 305
Boom, R.M., 259,277
Broek, A.P., 143
Brož, Z., 47

Chmiel, H., 181
Clarotti, G., 163

David, M.O., 129
Drioli, E., 203

Feil, D., 247
Flösch, D., 163
Futselaar, H., 153

Geckeler, K.E., 163
Göpel, W., 163
Gostoli, C., 217
Gruber, T., 181

Holze, R., 87
Hwang, S.-T., 37

Jia, M.-D., 119

Karrenbeld, H., 247
Kerkhof, P.J.A.M., 231
Khan, A.A., 1
Knops, F.N.M., 153
Kovvali, A.S., 1
Kreulen, H., 293
Krovvidi, K.R., 1

Lee, K.-R., 37

McDonogh, R.M., 181
Mafé, S., 191
Manzanares, J.A., 191
Molinari, R., 203
Muijselaar, W.G.H.M., 231
Mulder, M.H.V., 247

Nagase, H., 173
Nakagaki, M., 173
Néel, J., 129
Nguyen, Q.T., 47, 129
Nunes, S.P., 25

Payne, P.A., 55
Peinemann, K.-V., 25, 119
Persin, F., 313
Persin, M., 313

Rácz, I.G., 153
Ramírez, P., 191
Reuvers, A.J., 259
Rumeau, M., 313

Sarrazin, J., 313
Sarti, G.C., 217
Schué, F., 163
Sciers, V., 313
Shelekhin, A.B., 73
Smit, E., 247
Smolders, C.A., 103, 143, 247, 259, 277, 293
Sprengers, E.D., 143
Strathmann, H., 181
Stroh, N., 181

Teunis, H.A., 143
Tishchenko, G.A., 305

Uchytil, P., 47
Ueda, H., 173

Van den Berg, G.B., 103
Van den Boomgaard, Th., 101, 277
Van Eerden, J., 247
Van Oers, C.W., 231
Van Swaaij, W.P.M., 293
Vemury, S., 1
Versteeg, G.F., 293
Vorstman, M.A.G., 231

Walitza, E., 181
Watson, J.M., 55
Wesselingh, J.A., 323
Wienk, I.M., 259,277

Zhang, G.S., 55

0376-7388/92/$05.00 © 1992 Elsevier Science Publishers B.V. All rights reserved.

Subject Index Volume 73 (1992)

adsorption, 55
artificial kidney, 143
asymmetric membrane, 47

biotechnology, 203
bipolar membranes, 191

catalytic membranes, 129
complexation, 313
composite membranes, 119, 129
computer modelling, 247
concentration polarization, 153, 231
contact angle, 163
coupled, facilitated transport, 203

dialysis, including Donnan, 143
diffusion, 73, 103, 247, 305, 323
diffusion mechanism, 55

electrocatalysis, 87
electrolyzer, 87
ESCA, 163

facilitated transport, 73
fiber membranes, 37
fouling, 181
fuel cells, 87

gas and vapor permeation, 247
gas permeation, 47
gas permeators, 1
gas separations, 37, 73, 293
gel layer, 231

H_2S/CO_2 selectivity, 293

ion exchange membranes, 87, 191, 305

lamellar structures, 173
layer disengagement, 181
lipid membranes, 173
liquid membranes, 73, 203
liquid permeability and separations, 313

macrovoids, 259, 277
membrane characterization, 143
membrane distillation, 217
membrane preparation and structure, 25, 143, 259, 277
membrane reactors, 129
microfiltration, 153
microporous and porous membranes, 25, 217, 293
mixed solute, 181
models, 1
module design, 153
modules, 37, 73, 305

neutralization dialysis, 305

permeant-polymer interactions, 55
pervaporation, 119, 129, 217
phase-inversion membranes, 259, 277
phosphatidylcholine, 173
plasma polymerized membranes, 163
poly(dimethyl siloxane), 55
poly(hydroxybutyrate), 163
polyimide membrane, 37
polymer blends, 25
polymer matrix, 247
polymeric membranes, 47
polyvinyltrimethylsilane, 47
pressure drop effects, 1
propylene separation, 37

review, 1, 103

silicone rubber, 55
skin defects, 47
stabilization, 173

theory, 103, 247, 259, 277, 323
thermodynamics, 259, 277, 323
thermoporometry, 143
transversal flow, 153
trehalose, 173
turbulence promotion, 153

ultrafiltration, 25, 231, 313
unsteady-state flux, 231

vacuum, 217

water dissociation, 191

zeolite filled membranes, 119